

### **Abstract of the Disclosure**

Tissue engineered constructs including a matrix and cells transfected with a gene for a growth factor. The constructs may be implanted into a tissue site, where the growth factor gene enhances a metabolic function furthering integration of the construct in the tissue site. If the matrix is biodegradable, the metabolic result may include resorption of the matrix and replacement with tissue synthesized at least in part by the transfected cells

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